

Bag of Gaussians (BoG) Model for Mapping Settlements

Disclosure Number

201202900

Technology Summary

The invention relates to identification of objects in imagery and more specifically to a method of improving accuracy and speed of identification. Per-pixel (or single instance) based classification schemes which proven to be very useful in thematic classification of remote sensing images are inadequate when it comes to analyzing very high resolution remote sensing imagery. The main problem being that the pixel size (less than meter) is too small as compared to the object size (100s of meters) and contains too little information to accurately distinguish between given set of pixels.

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